In the Claims:

Kindly add new claims 31-53 as follows:

31. An article comprising a substrate having a mosaic image thereupon, said mosaic image having an appearance that approximates a target image through use of a plurality of source images, and which mosaic image is generated by a process executed with a computer comprising the steps of:

loading the target image into the computer;

dividing the target image into a plurality of tile regions, each tile region representing a distinct locus of the target image, and

for each tile region:

comparing source images to the tile region to produce a measurement of visual similarity, said comparing step including analyzing a plurality of individual portions of each source image;

selecting the source image with the highest measurement of visual similarity to represent the tile region; and

positioning the selected source image in the mosaic image at a locus corresponding to the locus of the tile region.

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32. The article of claim 31 wherein the process includes the further step of dividing the tile region into distinct sub-regions, each sub-region corresponding to a specific portion of the source image, and comparing each respective B sub-region with each respective source image portion to produce the measurement of ~~visual similarity.~~

Sub B

33. ~~The~~ article of claim 32 wherein the process includes the further step of ~~employing~~ source images having one pixel per ~~respective sub-region.~~

31 ~~34~~. The article of claim 29 ~~31~~ wherein the process includes the further step of computing the average Root-Mean Square error of Red, Green and Blue channels.

32 ~~35~~. The article of claim 29 ~~31~~ wherein the process includes the further step of removing source images selected in said selecting step from consideration such that no one source image appears more than once in the mosaic image.

33 ~~36~~. The article of claim 29 ~~31~~ wherein the process includes the further step of capturing source images, and storing the captured source images in a database.

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31 37. The article of claim 36 wherein the process includes the further step of generating modified source images by cropping the source images captured in said capturing step to square.

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35 38. The article of claim 37 wherein the process includes the further step of, in the case of a captured source image in landscape format, cropping the captured image from center.

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36 39. The article of claim 38 wherein the process includes the further step of, in the case of a captured source image in portrait format, cropping the captured image from above center.

34
31 40. The article of claim 37 wherein the process includes the further step of categorizing the captured source images within the database.

34
39 41. The article of claim 37 wherein the process includes the further step of storing the captured source images at different levels of resolution.

29
39 42. The article of claim 31 wherein the process includes the further step of deselecting the source image with the highest measurement of visual similarity if it is determined that the

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source image has a higher measurement of visual similarity to another tile region.

40 29
~~43~~. The article of claim ~~31~~ wherein the process includes the further step of specifying at least one source image for assured inclusion in the mosaic image, the assured source image being positioned in the mosaic image at a locus corresponding to the locus of the tile region having the highest measure of visual similarity therewith.

41 29
~~44~~. The article of claim ~~31~~ wherein the process includes the further step of specifying a sub-category of source images for exclusive matching with a predetermined portion of the target image.

42 29
~~45~~. The article of claim ~~31~~ wherein said article includes a printout from a digital printer.

43 29
~~46~~. The article of claim ~~31~~ wherein said article includes a photograph.

44 29
~~47~~. The article of claim ~~31~~ wherein said article includes photographic paper.

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45 29
~~48~~. The article of claim ~~31~~ wherein said article includes photographic film.

Sub B
~~49~~. A storage medium for use with a computer comprising a substrate for storing at least one mosaic image having an appearance that approximates a target image through use of a plurality of source images, and which mosaic image is generated by a process comprising the steps of:

loading the target image into the computer;

dividing the target image into a plurality of tile regions, each tile region representing a distinct locus of the target image, and

for each tile region:

comparing source images to the tile region to produce a measurement of visual similarity, said comparing step including analyzing a plurality of individual portions of each source image;

selecting the source image with the highest measurement of visual similarity to represent the tile region; and

positioning the selected source image in the mosaic image at a locus corresponding to the locus of the tile region.

47. 46
~~50~~. The storage medium of claim ~~49~~ wherein said substrate includes a floppy disk.

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48 46
51. The storage medium of claim ~~49~~ wherein said substrate includes a compact disc.

49 46
52. The storage medium of claim ~~49~~ wherein said substrate includes an optical disk.

50 46
53. The storage medium of claim ~~49~~ wherein said substrate includes a removable hard disk.

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